I&R & Final bill
Recorded on:-

Work Code:- 003-23-000008

M. A. R. 57 (Rule 116)
Measurement Book

No. E modified Est Cost:- 22.52 Lk
585056

Work order No:- BBMP/YNK.D/PMT-12/W.O/GG/2022-23, Date 11/01/2023

Serial No. .....

Name of work Construction of Sarvodaya Bhavana at 5th phase yelahanka in Someshwara ward no-03. yelahanka New Town Sub division.

Name of Contractor of nature of Agency Sri. Hemanth Ginnaresh (Sri Krishna Constructions)

Date of commencement of work..... No-13/1, Attur Layout 6th Cross, Santhoshnagar, yelahanka Bangalore - 560064.

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1) Dismantling Stone Slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material to the appropriate disposal area as per direction of engineer in charge work.						
	Quantity vide AR per pre measurement are Recorded in this MB and page no of:- 585091					226.80 m^2 @ Rs. 1377.45	3,12,405.66
	(2) Earth work excavation by [illegible] for drains, canals,						

ಯಲಹಂಕ ಉಪನಗರ ವಿಭಾಗ
ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು (ಉ)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	coaste weir, draft, approach channels, key trenches, foundation of bridges and such similar works in all kinds of soils, as per drawing and technical specifications including setting out shoring strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface levelled and sides neatly dressed disposing off the excavated stuff on sorting & stacking The selected stuff for reuse upto a radious of 50m and lift upto 5m including cost of labour, tools & other appurtenaces required to complete the work. Quantity vide, AR per pre-measurement sheet dtd 25.09.23. = 370.21 m³ Recorded in this MB and page No 4. @Rs 197.13 72,979.49						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ

Serial No. .....
Name of work .....
Name of Contractor of na
Date of commencement o

Date	Full descriptio
1	2
(3)	KSRE 2.8: ... orctal 100... packing. ... with all ... Quantity Recorded ...
(4)	Providing

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

585057

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(3)	KSR II 2.8: Providing and filling in foundation with granite / trap broken metal 100mm. and down size, with approved Sand including hand packing. ramming watering, including Cost of all materials and labour with all lead and lift. Complete as per Specifications. Quantity vide As per pre-measurement are Recorded in this and page no:- 585093:- 18.59 m^3 @ Rs. 2537.92						47179.93
(4)	Providing and laying ... Concrete for levelling						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Course for all works in foundation. The granite/trap/basalt Crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150mm thickness, well Compacted using plate vibrators, including all leads lifts, Cost of all materials of quality, labour, usage charges of machineries curing, and all the other appurtenances required to Complete the work as per technical Specifications. (The Cost of steel reinforcement & formwork shall be paid Separately) mix 1:3:6 (mix using 40mm nominal size graded Crushed Coarse aggregates).						
	Quantity vide RA bill pre-measurements sheet Recorded in this MB & Page No:- 98504 :- 31.22 m³						

Serial No. .....
Name of work .....
Name of Contractor of na
Date of commencement

Date	Full descripti
1	2

M. A. R. 57 (Rule 116) No. E 585058

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Flooring:-	1	5.20	3.25	0.15	2·53	
		1	5.20	2.75	0.15	2·14	
		1	5.20	2.75	0.15	2·14	
		1	5.20	3.35	0.15	2·61	
		1	5.20	1.75	0.15	1·36	
	:-	1	3.70	3.25	0.15	1·80	
		1	3.70	2.75	0.15	1·52	
		1	3.70	2.75	0.15	1·52	
		1	3.70	3.35	0.15	1·85	

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	3.70	1.75	0.15	0.97	
						49.66 m³	
		up to 125% of quantity:-				46.01 m³	
		@RS.				5503.95	
		Above 125% of quantity:-				3.65 m³	
		@RS.				5503.96	20,089.45
(5)	Providing and laying in position Reinforced cement Concrete for all Sub structures of building, irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50 m to 3.50 m height. The granite/trap/ basalt crushed graded Coarse aggregates and fine aggre-						

Serial No. .....
Name of work .....
Name of Contractor
Date of commencem

Date	Full des
1	-gates plast tons, & lift requir mach The w forc 2000

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

585059

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	:-gates as per relevant IS Codes machine mixed with Super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary including all lead & lifts/ cost of all materials of quality. Confirming to the requirements of relevant IS Codes, labour, usage charges of machinery. curing & all other appurtenances required to Complete the work as per technical Specifications. (The cost of steel reinforcement & formwork to be Separately paid) mix 1:2:4 (M15) using 20mm nominal Size graded crushed coarse aggregates.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Basement Coping :-						
	Long walls :-	3	16.10	0.45	0.12	2.60	
	Short walls :-	6	9.10	0.45	0.12	2.94	
						5.54 m³	
	(-) Deductions :- C_1	4	0.45	0.20	0.12	0.04	
	C_2	9	0.45	0.20	0.12	0.09	
	C_3	5	0.45	0.20	0.12	0.05	
	Center (+) type junctions :-	6	0.45	0.45	0.12	0.14	
						0.32 m³	

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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10೮

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10೮

Serial No. .....
Name of work .....
Name of Contractor of
Date of commencemen

Date	Full descrip
1	2
	Net
	(6) Providing plinth Quantity Recond

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M. A. R. 57 (Rule 116) **No. E**

Measurement Book

585060

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Net quantity:-	$5.54 m^3 - 0.32 m^3 = 5.22 m^3$					
		Limited to modified Quantity: $5.16 m^3$					
						CRS. 5827.02	30,067.42
	(6) Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement: 6 Coarse Sand).						
	Quantity vide A.B per pre-measurement Recorded in this MB and page no of: 585095-96:-	$47.37 m^3$					
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.	Modified to modified Quantity:- $47.34 m^3$				CRS. 5303.77	2,51,080.47

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(7) Filling available excavated earth (excluding rock) in trenches plinth, sides of foundations and other similar works etc, in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50m and lift upto 1.5 mm. etc as per specifications.						
	Quantity vide item no:- (2) :- 370.21 m^3						
	(-) Deductions:-						
	Quantity vide item no (3) :- 18.59 m^3						
	Quantity vide item no (4) :- 31.22 m^3 (Footings & foundations only)						
	55m foundations for I-Bt footing:-						
	Long walls:-	3	16.50	0.70	0.30	10.39	

ಸಹಾಯಕ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಸಹಾಯಕ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಉಪವಿಭಾಗ

Serial No. .....
Name of work .....
Name of Contractor
Date of commencem

Date	Full des
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M. A. R. 57 (Rule 116) **No. E**

Measurement Book

585061

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	shortwalls :-	6	8.80	0.70	0.30	11.08	
	2nd footing :- long walls :-	3	16.30	0.55	0.35	9.41	
	shortwalls :-	6	8.95	0.55	0.35	10.33	
	Footing & Concrete :-						
	F_1	4	2.40	2.10	0.60	12.09	
	F_2	9	2.70	2.40	0.60	34.99	
	F_3	5	2.10	2.10	0.60	13.23	
	Pedestals :- F_1	4	0.90	0.90	0.80	2.59	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಡಿ.ಎ. ಬೆಂಗಳೂರು

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	F_2	9	0.75	0.75	0.80	4.05	
	F_3	5	0.75	0.75	0.80	2.25	
	Columns up to Ground level:-						
	C_1	4	0.45	0.20	0.20	0.07	
	C_2	9	0.45	0.20	0.25	0.20	
	C_3	5	0.45	0.20	0.25	0.11	
						160.60 m³	
	Net quantity:- 370.21 m³ - 160.60 m³ = 209.61 m³						
	Limited to modified quantity:- 207.10 m³						
	@ RS 202.16					41867.33	

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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬೆಂಗಳೂರು-106

Serial No. .....
Name of work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, etc
1	2
(8)	Loading and Kanthur/ ...
(9)	Cost of ... 18t. load ...

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M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. 585062

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	(8) Loading and unloading of stone boulder/ stone aggregates/ Sand/ Kankar/ ಮಣ್ಣು. (Tipper 14 m³).					
	Quantity vide item no:- (2) :- 370.21 m³					
	(-) Filling available of excavated Contn:- 209.61 m³					
					160.60 m³	11,776.79
					@RS. 73.33	
(9)	Cost of Hiriyur to Chitradurga 18 t load and load 10 Kms = 18 t + 1 km charges per loading loading and unloading				Taking output	
					Specifications.	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಉಪನಗರ ಉಪವಿಭಾಗ.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity vide item no:- (8) :- 160.60 m³ x 1.28 = 205.56 m³						
(10)	Providing and laying in position Reinforced Cement Concrete for all Sub Structures of building, irrigation works, Sub Structure works of bridges, Arch works & other parallel works from 0.500m to 3.500m height. The granite/trap/basalt Crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with Super plasticizers, laid in layers, well compacted using needle vibrators, providing weep holes wherever needed including all lead & lifts etc as per Specification.					CRS. 95.11	19550.81
	Quantity vide As per premeasurement are Recorded in this bill & page no of :- 589.00 :- 69.59 m³						

Serial No. .....
Name of work .....
Name of Contractor of nature o
Date of commencement of work

Date	Full description, etc,
1	2
	Columns &
	plinth beam

Executive En
Bruhat Bengaluru Maha
Yelahanka, D

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

585063

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Columns C/s up to plinth level:-						
	C_1	4X0.45	0.20	0.20	=	0.072	
	C_2	9X0.45	0.20	0.20	=	0.162	
	C_3	5X0.45	0.20	0.20	=	0.09	
	Plinth beam :- Walls :-	3	16.10	0.30	0.45 =	6.52	
		6	9.15	0.30	0.45 =	7.47	
						83.84	

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

ಯಲಹಂಕ ಉಪವಿಭಾಗ.
ಕಾರ್ಯ ನಿ. ಪೊರಿಯಾದು-106

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(-) Deductions for columns:						
	C_1 :-	4	0.45	0.20	0.45	0.16	
	C_2 :-	9	0.45	0.20	0.45	0.36	
	C_3 :-	5	0.45	0.20	0.45	0.20	
	Net quantity :- 83.84 m^3 - 0.72 m^3 = 83.12 m^3						
	Limited to modified quantity :- 82.54 m^2 @ Rs. 6531.81					5,39,135.59	
(11)	Providing and laying in position Reinforced Cement Concrete for all Super structures of building, Road works, water works, irrigation works & Super structure works of bridges up to						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಂಪೇಗೌಡ ಉಪನಗರ ಯೋಜನಾ ವಿಭಾಗ,
ಬಿ.ಎಂ.ಟಿ. ಬೆಂಗಳೂರು-106

Serial No. .....
Name of work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc,
1	2
	3.50 m height. aggregates a mixed with needle vibra Columns & for

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

585064

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3.50 mm height. The granite/trap/ basalt Crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with Super plasticisers laid in layers, well compacted using needle vibrators etc as per Specifications. m25 design mix Concrete.						
	Columns & for Lintel level:-						
	C_1	4	0.45	0.20	2.10	0.75	
	C_2	9	0.45	0.20	2.10	1.70	
	C_3	5	0.45	0.20	2.10	0.94	
						3.39 m³	
						@Rs. 6743.29	22,859.75

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲ್ಲಮಕಂಡ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಡಿ.ಎ. ಬೆಂಗಳೂರು-106

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(12) Providing Thermo-mechanically Treated bars of Grade Fe-550 steel reinforcement for RCC work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members wherever necessary Complete as per Design including cost of material, labour, usage charges Complete as per Specifications. (The laps and wastages shall not be measured Separately).						
	Quantity vide, As per pre-measurement are Recorded in this MB and page no of:- 58596-99:- 3264.85Kgs @RS. 87.21						2,84,727.56
						Sub Total RS:-	19,06,956.98
						Add 18% of GST RS:-	3,43,252.25
						Gnand Total RS:-	22,50,209.23

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.

ಕ.ಪ.ಎಂ.ಕ. ಬೆಂಗಳೂರು-106

03/07/2023

Serial No. .....
Name of work .....
Name of Contractor of natu
Date of commencement of

Date	Full description
1	2
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	1/ Certifi
	2/ Certifi
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M. A. R. 57 (Rule 116) **No. E**

Measurement Book

585065

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

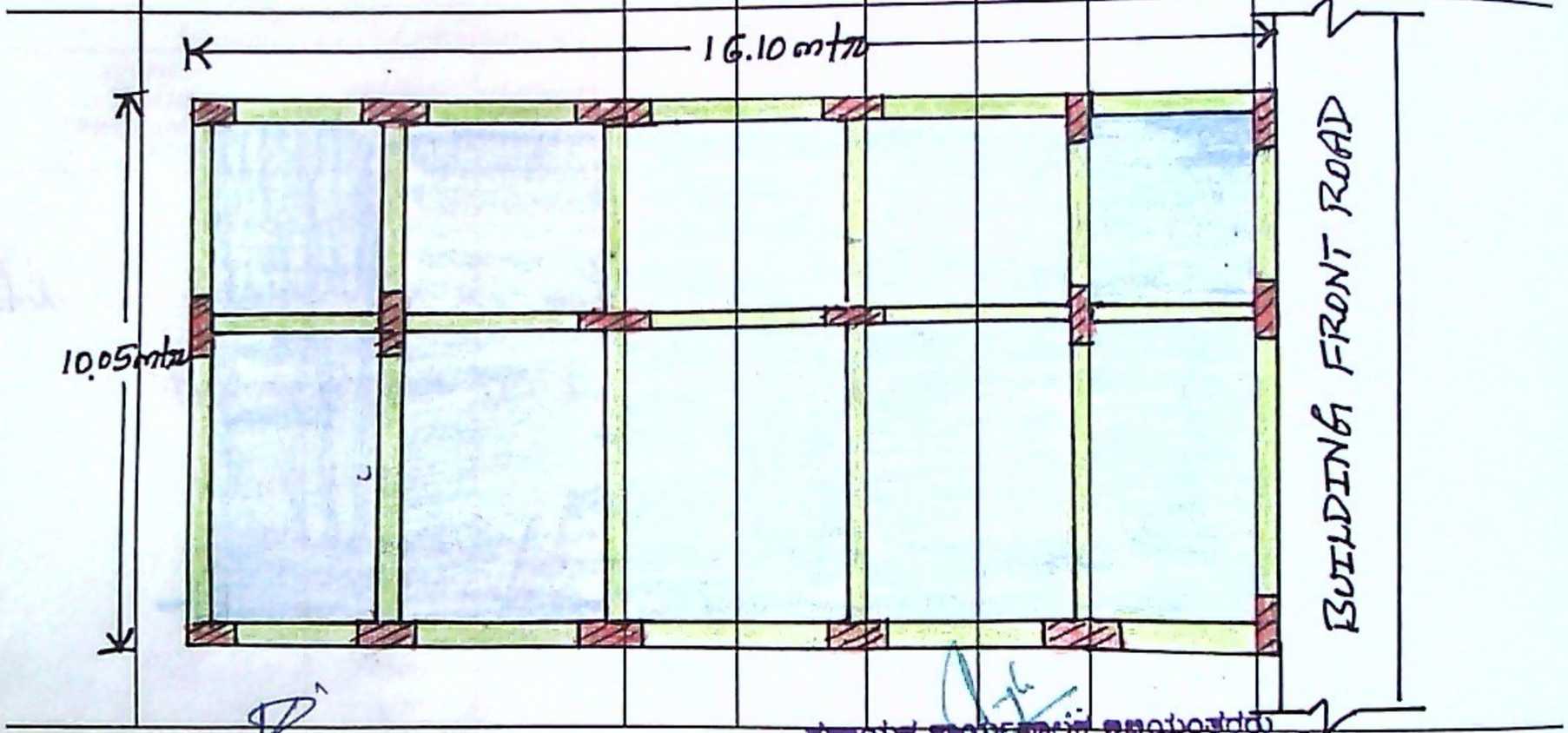
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CERTIFICATE: 1) Certified that the above work done is Satisfactory Completed. 2) Certified that the debrics have been cleared to Site. AE						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



SKETCH

INDEX:-

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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಜಯನಗರ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10

Serial No. .....
Name of work .....
Name of Contractor of nat
Date of commencement o

Date	Full description
1	2

Bill Amount.....
(+) GST.....
TOTAL... 22
Less :
I.Tax... 2
SGST... 1
CGST... 1
BCWWC... 2
CBF... 2
ROYALTY...
FINE...
FSD...
OTHERS...
TOTAL DEDUCTI
NET PAY... 2

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

58

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Final Bill						
	Bill Amount —						
	(+) GST —						
	TOTAL 2250000=00						
	Less :						
	I.Tax 22500=00						
	SGST 19070=00						
	CGST 19070=00						
	BCWWC 22500=00						
	CBF 2250=00						
	ROYALTY 21110=00						
	FINE —						
	FSD —						
	OTHERS —						
	TOTAL DEDUCTION 106500=00						
	NET PAY 2143500=00						

Jobcode - 003-23-000008

SBR100- 51/2023 DH - 01-9-23

Audited & Admitted For Rs. 2250000=00

By Ch Rs: 2143500=00 (Rupees ...)

...ing by Adjustment

For Rs. 106500=00

Account Student

Exe Engineer
B B.M.P Bangalore